

## 5

$$-\text{R}^a-\text{Y}-\text{R}^b-(\text{Z})_x$$

where  $R^a$ ,  $R^b$ ,  $Y$ ,  $Z$  and  $x$  are as defined, and having a group  $W$  at the glucose C-6 position, where  $W$  is as defined; and pharmaceutical compositions containing such glycopeptide derivatives. The disclosed glycopeptide derivatives are useful as antibacterial agents.